

REPLACED BY
ART 34

What is claimed is:

1. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer by means of a stretching force of stretching members in a used condition, characterized in that:
 - 5 said stretching members extend along a distal edge of said free portion and extend on a base line-side with respect to the longitudinal centerline of said free portion.
2. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer's leg by means of a stretching force of stretching members in a used condition, characterized in
 - 10 that:
said free portion includes a standing portion which stands from a base line thereof toward the longitudinal centerline of said article and a contacting portion which folds back halfway outwardly; and
said stretching members extend in said contacting portion and said standing portion,
15 respectively.
3. A disposable absorbent article as defined in Claim 2 wherein at a front end portion and at a back end portion in a longitudinal direction of said article, said standing portion is fixed on an article body facing the centerline of said article and said contacting portion folds back halfway so as to be fixed on said standing portion.
- 20 4. A disposable absorbent article as defined in Claim 2 or 3 wherein said stretching members on said contacting portion are arranged so as to be spaced each other in the standing direction.
5. A disposable absorbent article as defined in Claim 2 or 4 wherein said stretching members on said standing portion are arranged so as to be spaced each other in the
25 standing direction.
6. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer's leg by means of a stretching force of stretching members in a used condition, characterized

in that:

said free portion includes a standing portion which stands from a base line thereof toward the longitudinal centerline of said article and a contacting portion which folds back halfway outwardly;

5 said stretching members on said contacting portion and said stretching members on said standing portion are arranged, respectively, so as to be spaced each other in the standing direction; and

said stretching members on said contacting portion have a small size in diameter and have a large contractility, and said stretching members on said standing portion have a
10 large size in diameter and have a small contractility.

7. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer's leg by means of a stretching force of stretching members in a used condition, characterized in that:

15 said absorbent structure is disposed between a liquid pervious sheet on the wearer's side of said article and a liquid impervious sheet on the back side of said article, and a back sheet is disposed further on the back side of said liquid impervious sheet);

said liquid impervious sheet laterally extends beyond said absorbent structure and said standing cuff has said free portion which stands from a base line where said liquid

20 impervious sheet extends;

said free portion includes a standing portion which stands from said base line toward the longitudinal centerline of said article, and a contacting portion which folds back outwardly; and

said stretching members extend in said contacting portion and said standing portion,
25 respectively.

8. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer's leg by means of a stretching force of stretching members in a used condition, characterized in

that:

said free portion stands with the height of at least 10 mm, and has distal edge stretching members extending on a distal edge of said free portion, and has base line-side stretching members extending on the base line-side with respect to the longitudinal centerline of said free portion; and
 5 an effective stretching length of said base line-side stretching member is shorter than that of said distal edge stretching member.

9. A disposable absorbent article as defined in Claim 8 wherein the stretching stress of said base line-side stretching member is larger than that of said distal edge stretching
 10 member.

10. A disposable absorbent article as defined in Claim 8 wherein when the elongation of a portion provided with said distal edge stretching members is 60 % to 150 %, its stretching stress is 0.10 N to 1.30 N (per the width of 15 mm and the length of 100 mm), when the elongation of a portion provided with said base line-side
 15 stretching member is 60 % to 150 %, its stretching stress is 0.20 N to 2.00 N (per the width of 15 mm and the length of 100 mm), and said stretching stress of said latter portion is larger than that of said former portion.

11. A disposable absorbent article as defined in Claim 8 wherein said standing cuff has a double standing sheet and said distal edge stretching members and said base
 20 line-side stretching members are fixed within said double standing sheet.

12. A disposable absorbent article as defined in Claim 11 wherein a water proof sheet is disposed within the double standing sheet.

13. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer's leg by
 25 means of a stretching force of stretching members in a used condition, characterized in that:

said free portion stands with the height of at least 10 mm, and has distal edge stretching members extending on a distal edge of said free portion, and has base line-side

stretching members extending on the base line-side with respect to the longitudinal centerline of said free portion; and

an effective stretching length of said base line-side stretching member is shorter than that of said distal edge stretching member.

- 5 14. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer by means of a stretching force of stretching members in a used condition, characterized in that: said stretching members extend along a distal edge of said free portion and extend in a base line-side with respect to the longitudinal centerline of said free portion; and
- 10 said stretching members longitudinally extend along the opposite sides of said absorbent structure as absorbent structure's opposite sides stretching members.

- 15 15. A disposable absorbent article as defined in Claim 14 wherein said absorbent structure comprises an absorbent core and crepe paper which has the shape of rectangle and covers said absorbent core, and said absorbent structure's opposite sides stretching members are disposed longitudinally so as to superpose on said absorbent core.

16. A disposable absorbent article as defined in any one of Claims 1 to 15 wherein a plane-gathering cuff is provided outboard with respect to said standing cuff.

17. A disposable absorbent article as defined in any one of Claims 1 to 15 wherein a plane-gathering cuff is not provided outboard with respect to said standing cuff.

- 20 18. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer's waist by means of a stretching force of stretching members in a used condition, characterized in that:

- 25 said stretching members extend along a distal edge of said free portion and extend on a base line-side with respect to the longitudinal centerline of said free portion.

19. A disposable absorbent article having an absorbent structure and at least one standing cuff which has a free portion thereof standing toward the wearer's waist by means of a stretching force of stretching members in a used condition, characterized

in that:

said stretching members extend on a distal edge of said free portion as distal edge stretching members and said stretching members extend on a base line-side with respect to the longitudinal centerline of said free portion as base line-side stretching members;

5 and

gathering means is not provided on a waist flap.

20. A disposable absorbent article as defined in Claim 18 or 19 wherein said free portion of said standing cuff has the longitudinal length of at least 10 mm.

21. A disposable absorbent article as defined in any one of Claims 18 to 20 wherein
10 the stretching stress of said base line-side stretching member is larger than that of said distal edge stretching member.

22. A disposable absorbent article as defined in any one of Claims 21 to 24 wherein the elongation of a portion provided with said distal edge stretching members is 20 % to 90 %, its stretching stress is 0.05 N to 1.00 N (per the width of 15 mm and the length of
15 100 mm), when the elongation of a portion provided with said base line-side stretching member is 20 % to 90 %, its stretching stress is 0.10 N to 1.50 N (per the width of 15 mm and the length of 100 mm), and said stretching stress of said latter portion is larger than that of said former portion.

23. A disposable absorbent article as defined in any one of Claims 21 to 25 wherein
20 the outboard edge of the longitudinal end portion of a fixed portion of said standing cuff for waist is inboard with respect to the edge of the longitudinal end portion of said article with the distance of 1 mm to 40 mm.

24. A disposable absorbent article as defined in any one of Claims 18 to 23 wherein said standing cuff has a double standing sheet and said distal edge stretching members
25 and said base line-side stretching members are fixed within said double standing sheet.

25. A disposable absorbent article as defined in Claim 24 wherein a water proof sheet is disposed within said double standing sheet.